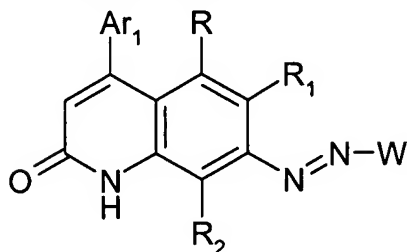


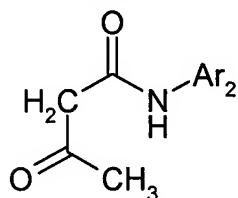
In the Claims:

1. **(currently amended):** A monoazoquinolone pigment which, in one of its tautomeric forms, corresponds to formula



wherein

W is unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl or is a radical derived from a compound of formula



wherein

Ar₂ is unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl,

Ar₁ is unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl,

R, R₁ and R₂ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO⁻X⁺, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃⁻X⁺, or C₆-C₂₄aryl which is unsubstituted or mono- or poly-substituted by R₅,

R₃ is C₁-C₆alkyl, or C₆-C₁₂aryl which is unsubstituted or mono- or poly-substituted by halogen, hydroxy, OR₇, cyano, nitro, SR₇, NR₆R₇, COOR₇, CONR₆R₇, NR₆COR₇, NR₆COOR₇, COO⁻X⁺, COR₄, OR₄, SO₂R₇, SO₂NR₆R₇, SO₃⁻X⁺ or by SO₃R₇,

R₄ is hydrogen or has the meanings of R₃,

R₅ is hydrogen, C₁-C₄alkyl, halogen, nitro, NR₇R₈ or OR₇,

R₆ is hydrogen or C₁-C₃alkyl,

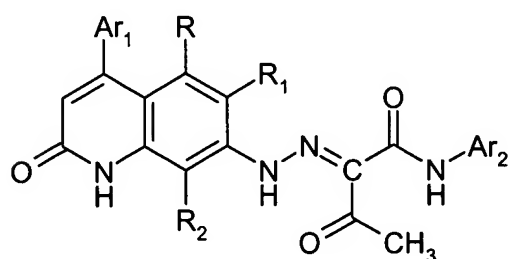
R₇ and R₈ are each independently of the other hydrogen; C₁-C₃alkyl; phenyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR₅, NR₁₆R₁₇; or benzyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR₅, NR₁₆R₁₇, and

X⁺ is a cation H⁺, Li⁺, Na⁺, K⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2}, Cu⁺, Cu⁺⁺_{1/2}, Zn⁺⁺_{1/2}, Mn⁺⁺_{1/2}, Al⁺⁺⁺_{1/3} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen; C₁-

C₆alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C₁-C₆alkyl, halogen, nitro, OR₅, NR₁₆R₁₇; or benzyl which is unsubstituted or mono- or poly-substituted by C₁-C₆alkyl, halogen, nitro, OR₅, NR₁₆R₁₇, and

R₁₆ and R₁₇ are each independently of the other hydrogen or C₁-C₆alkyl.

2. (original): A monoazoquinolone pigment according to claim 1, of formula



wherein

Ar₁ and Ar₂ are each independently of the other unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl,

R, R₁ and R₂ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO⁻X⁺, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃⁻X⁺, or C₆-C₂₄aryl which is unsubstituted or mono- or poly-substituted by R₅,

R₃ is C₁-C₆alkyl, or C₆-C₁₂aryl which is unsubstituted or mono- or poly-substituted by halogen, hydroxy, OR₇, cyano, nitro, SR₇, NR₆R₇, COOR₇, CONR₆R₇, NR₆COR₇, NR₆COOR₇, COO⁻X⁺, COR₄, OR₄, SO₂R₇, SO₂NR₆R₇, SO₃⁻X⁺ or by SO₃R₇,

R₄ is hydrogen or has the meanings of R₃,

R₅ is hydrogen, C₁-C₄alkyl, halogen, nitro, NR₇R₈ or OR₇,

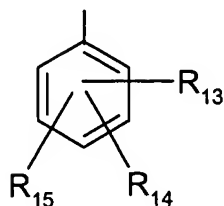
R₆ is hydrogen or C₁-C₃alkyl,

R₇ and R₈ are each independently of the other hydrogen; C₁-C₃alkyl; phenyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR₅, NR₁₆R₁₇; or benzyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR₅, NR₁₆R₁₇, and

X⁺ is a cation H⁺, Li⁺, Na⁺, K⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2}, Cu⁺, Cu⁺⁺_{1/2}, Zn⁺⁺_{1/2}, Mn⁺⁺_{1/2}, Al⁺⁺⁺_{1/3} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen; C₁-C₆alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C₁-C₆alkyl, halogen, nitro, OR₅, NR₁₆R₁₇; or benzyl which is unsubstituted or mono- or poly-substituted by C₁-C₆alkyl, halogen, nitro, OR₅, NR₁₆R₁₇, and

R₁₆ and R₁₇ are each independently of the other hydrogen or C₁-C₆alkyl.

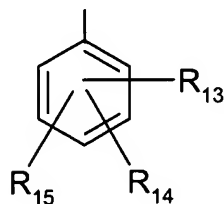
3. (currently amended): A monoazoquinolone pigment according to ~~either claim 1 or claim 2~~, wherein Ar₁ is a radical of formula



wherein

R₁₃, R₁₄ and R₁₅ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO⁻X⁺, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃R₄, SO₃⁻X⁺, or C₆-C₁₂aryl which is unsubstituted or mono- or poly-substituted by R₅.

4. (currently amended): A monoazoquinolone pigment according to ~~either claim 2 or claim 3~~, wherein Ar₂ is a radical of formula



wherein

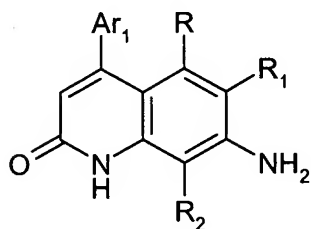
R₁₃, R₁₄ and R₁₅ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO⁻X⁺, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃R₄, SO₃⁻X⁺, or C₆-C₁₂aryl which is unsubstituted or mono- or poly-substituted by R₅.

5. (currently amended): A monoazoquinolone pigment according to ~~any one of claim~~ **[[s]] 1 to 4**, wherein R₁ and R₂ are each independently of the other hydrogen, C₁-C₃alkyl, C₁-C₃alkoxy, chlorine, COOR₅, NR₄COR₃, COO⁻X⁺ or SO₃⁻X⁺, R₅ is hydrogen or C₁-C₃alkyl and X⁺ is a cation Na⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen; C₁-C₆alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C₁-C₃alkyl, halogen, nitro, OR₇, N(R₇)₂; or benzyl which is unsubstituted or mono- or poly-substituted by C₁-C₃alkyl, halogen, nitro, OR₇, N(R₇)₂.

6. (currently amended): A monoazoquinolone pigment according to ~~any one of claim~~[[s]] 1 to 4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^-X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_2 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.

7. (original): A monoazoquinolone pigment according to claim 6, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$ or NR_4COR_3 and R_5 is hydrogen or C_1 - C_2 alkyl.

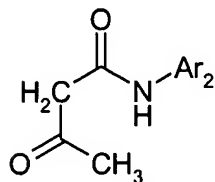
8. (original): A process for the preparation of a monoazoquinolone pigment of formula (1) according to claim 1, wherein a compound of formula



is diazotised and coupled to a compound of formula

W-H

or to a compound of formula



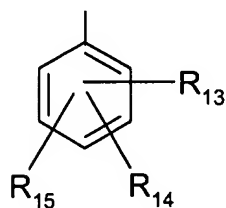
wherein Ar_1 , W, R, R_1 and R_2 are as defined for formula (1) in claim 1 and Ar_2 is as defined for formula (1a) in claim 1.

9. (currently amended): ~~A composition comprising The use of~~ a monoazoquinolone pigment according to claim 1 ~~in the colouring of and a~~ high molecular weight material.

10. (currently amended): A plastic, surface coating or printing ink composition comprising ~~The use of a monoazoquinolone pigment according to claim 1, as a colourant for plastics, surface coatings or printing inks.~~

11. (currently amended): ~~The use of a monoazoquinolone pigment according to claim 1 as a colourant in the production of colour filters.~~ A composition according to claim 9 which is a color filter.

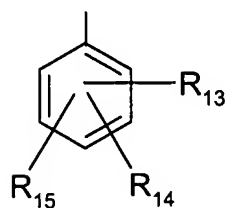
12. (new): A monoazoquinolone pigment according to claim 2, wherein Ar₁ is a radical of formula



wherein

R₁₃, R₁₄ and R₁₅ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO⁻X⁺, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃R₄, SO₃⁻X⁺, or C₆-C₁₂aryl which is unsubstituted or mono- or poly-substituted by R₅.

13. (new): A monoazoquinolone pigment according to claim 3, wherein Ar₂ is a radical of formula



wherein

R₁₃, R₁₄ and R₁₅ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO⁻X⁺, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃R₄, SO₃⁻X⁺, or C₆-C₁₂aryl which is unsubstituted or mono- or poly-substituted by R₅.

14. (new): A monoazoquinolone pigment according to claim 2, wherein R₁ and R₂ are each independently of the other hydrogen, C₁-C₃alkyl, C₁-C₃alkoxy, chlorine, COOR₅, NR₄COR₃, COO⁻X⁺ or SO₃⁻X⁺, R₅ is hydrogen or C₁-C₃alkyl and X⁺ is a cation Na⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen; C₁-C₆alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C₁-C₃alkyl, halogen, nitro, OR₇,

$N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.

15. (new): A monoazoquinolone pigment according to claim 2, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^-X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_2 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.

16. (new): A monoazoquinolone pigment according to claim 15, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$ or NR_4COR_3 and R_5 is hydrogen or C_1 - C_2 alkyl.

17. (new): A monoazoquinolone pigment according to claim 3, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_3 alkyl, C_1 - C_3 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^-X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_3 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen; C_1 - C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.

18. (new): A monoazoquinolone pigment according to claim 3, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^-X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_2 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.

19. (new): A monoazoquinolone pigment according to claim 4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_3 alkyl, C_1 - C_3 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^-X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_3 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen; C_1 - C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 ,

$N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.

20. (new): A monoazoquinolone pigment according to claim 4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^+X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_2 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.